# **Kentucky Numeracy Project The Kentucky Center For Mathematics** knp.kentuckymathematics.org

# Lesson Plan

Teacher:	Class/Gro	oup:	Date:	
KNPIG ID #: A 3321.2 (Bingo Addition (2-12, screened))		Task Group Name: Bingo Addition		
AVMR Strand: Addition & Subtraction		AVMR Construct Level/Color: 1 to 2 Blue		
Fluency Benchmark for RTI:				

1.OA.6 Fluency for addition and subtraction within 10.

# KCAS(s):

1) 1.OA.6 Add and subtract within 20, demonstrating fluency for addition and subtraction within 10. Use strategies such as counting on; making ten (e.g., 8 + 6 = 8+2+4=10+4=14); decomposing a number leading to a ten (e.g., 13-4=13-3-1) 1 = 10 - 1 = 9); using the relationship between addition and subtraction (e.g., knowing that 8 + 4 = 12, one knows 12 - 8 = 4); and creating equivalent but easier or known sums (e.g., adding 6 + 7 by creating the known equivalent 6 + 6 + 1 = 12 + 1 = 13). 2) 1.OA.5 Relate counting to addition and subtraction (e.g., by counting on 2 to add 2).

# **KCAS Domain** and Cluster:

Operations and Algebraic Thinking 1) Add and subtract within 20.

#### Learning Target: I can add within 12 when items are screened.

#### Setting/Materials:

Bingo Board filled with numerals 2-12, bingo covers, two numeral cubes with sides 1 to 6.

#### Activity:

Bingo Addition: Each student should have a Bingo board (2-12) and covers. Players take turns finding the number that all players cover on their own board. The player should roll both dice and find the total. The first student to have a "Bingo" wins.

### **Evidence of Learning (Diagnostic Assessment of Progress):**

Show student a 6 and a 4 on numeral cubes and ask student "How much is 6 and 4?". If desired, repeat with other amounts.

## **Teacher Notes:**

To provide more support, use one dot cube and one numeral cube. Alternatively, use dot cubes but cover the cubes within 2 seconds of the roll. After student has given answer, uncover the cubes to allow student to check answer.

#### **Printables Link:**

http://knp.kentuckymathematics.org/knp/uploads/printables 3321.2A.pdf

### Student Instructions Link: